# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 574 | 221/266 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:07 |
| L2 | 965 | 221/266.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:07 |
| L3 | 352 | 221/263.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:07 |
| L4 | 383 | 221/263 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:08 |
| L5 | 1837 | 1 or 2 or 3 or 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:41 |
| L6 | 47 | 5 and drawer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:23 |
| L7 | 16 | 6 and coins | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:11 |
| L8 | 3 | 6 and (coin adj roll) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:08 |

| L9 | 631 | 3 or 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:23 |
|---|---|---|---|---|---|---|
| L10 | 4 | 5 and (pusher adj plate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:25 |
| L11 | 56 | 5 and (pusher) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:25 |
| L12 | 1834 | 5 not 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:41 |
| L13 | 1821 | 12 not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:41 |
| L14 | 1821 | 13 not 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:41 |
| L15 | 1790 | 14 not 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:42 |
| L16 | 1786 | 15 not 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:42 |

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|---|---|---|---|---|---|---|
| L17 | 1736 | 16 not 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:43 |
| L18 | 782 | 17 and cans | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 14:38 |
| L19 | 117 | 17 and bottles | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 13:44 |
| L20 | 7 | ("4509658").URPN. | USPAT | OR | ON | 2006/03/18 13:47 |
| L21 | 24 | ("1773329" \| "2663604" \| "2711241" \| "2977023" \| "4019650" \| "4036400" \| "4036621" \| "4298138" \| "4509658" \| "4705176" \| "4917264" \| "5176287" \| "5392953" \| "5497905" \| "5505332" \| "5651476" \| "5927539" \| "5967364" \| "6102250" \| "D362463").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/18 13:51 |
| L22 | 0 | ("2558394").URPN. | USPAT | OR | ON | 2006/03/18 14:06 |
| L23 | 0 | ("2558394").URPN. | USPAT | OR | ON | 2006/03/18 14:06 |
| L24 | 1 | ("2423265").URPN. | USPAT | OR | ON | 2006/03/18 14:07 |
| L25 | 11 | ("4852767").URPN. | USPAT | OR | ON | 2006/03/18 14:08 |
| L26 | 0 | gb0127322 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 14:38 |
| L27 | 0 | gb0127322a | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/18 14:39 |
| S12 | 690893 | "194"/$.ccls.] | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:03 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S13 | 21931 | "194"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:03 |
| S14 | 4806 | "453"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:04 |
| S15 | 26008 | S13 or S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:04 |
| S16 | 485 | S15 and drawer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:06 |
| S17 | 35 | S16 and (coin adj tube) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:07 |
| S18 | 112 | S16 and (tube) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:39 |
| S19 | 29 | ("0326866" \| "1346457" \| "3227363" \| "3242931" \| "3265077" \| "4095607" \| "4396029" \| "4511341" \| "4593709" \| "4606361" \| "4987990" \| "4995848" \| "5397264" \| "5474496" \| "5722882" \| "5827117" \| "5902178" \| "5976006" \| "6099401" \| "6165063" \| "6165064" \| "6210264" \| "6524179" \| "6638157").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/03 11:19 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S20 | 24 | S15 and (tube adj sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:51 |
| S21 | 2 | "6830509" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 11:51 |
| S22 | 29 | ("0326866" \| "1346457" \| "3227363" \| "3242931" \| "3265077" \| "4095607" \| "4396029" \| "4511341" \| "4593709" \| "4606361" \| "4987990" \| "4995848" \| "5397264" \| "5474496" \| "5722882" \| "5827117" \| "5902178" \| "5976006" \| "6099401" \| "6165063" \| "6165064" \| "6210264" \| "6524179" \| "6638157").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/03 12:18 |
| S23 | 7 | ("4367760"\|"4469245"\|"4850511"\|"5005339"\|"5722564"\|"5830055"\|"6302294").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/03 12:18 |
| S24 | 10 | ("4469245").URPN. | USPAT | OR | ON | 2005/10/03 12:22 |
| S25 | 6 | ("5501633").URPN. | USPAT | OR | ON | 2005/10/03 12:32 |
| S26 | 2 | ("6261169").URPN. | USPAT | OR | ON | 2005/10/03 12:53 |
| S27 | 36 | Liff and dividers | USPAT | OR | ON | 2005/10/03 12:57 |
| S28 | 1 | omincell and dividers | USPAT | OR | ON | 2005/10/03 12:58 |
| S29 | 81 | Lipps and dividers | USPAT | OR | ON | 2005/10/03 13:00 |
| S30 | 281 | Meader | USPAT | OR | ON | 2005/10/03 12:58 |
| S31 | 20169 | Holmes | USPAT | OR | ON | 2005/10/03 12:59 |
| S32 | 3 | S30 and divider | USPAT | OR | ON | 2005/10/03 12:59 |
| S33 | 634 | S31 and divider | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/03 12:59 |
| S34 | 5 | dispenser and S30 | USPAT | OR | ON | 2005/10/03 13:01 |
| S35 | 400 | dispenser and S31 | USPAT | OR | ON | 2005/10/03 13:01 |
| S36 | 33 | omnicell | USPAT | OR | ON | 2005/10/03 13:07 |
| S37 | 400 | holmes and dispenser | USPAT | OR | ON | 2005/10/03 13:08 |
| S38 | 23 | S37 and divider | USPAT | OR | ON | 2005/10/03 13:14 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S39 | 50 | medical adj dispenser | USPAT | OR | ON | 2005/10/03 13:14 |
| S40 | 9 | S39 and (spacer or divider) | USPAT | OR | ON | 2005/10/03 13:15 |
| S41 | 543 | shapiro.XA. | USPAT | OR | ON | 2005/10/03 13:41 |
| S42 | 245 | (spacer or divider) near sensor | USPAT | OR | ON | 2005/10/03 13:41 |
| S43 | 6 | S42 and medical | USPAT | OR | ON | 2005/10/03 13:42 |
| S44 | 3 | S42 and drugs | USPAT | OR | ON | 2005/10/03 13:57 |
| S45 | 43 | 453/16 | USPAT | OR | ON | 2005/10/03 14:07 |
| S46 | 191 | 194/216 | USPAT | OR | ON | 2005/10/03 14:07 |
| S47 | 579 | 194/217 | USPAT | OR | ON | 2005/10/03 14:07 |
| S48 | 621 | S46 or S47 | USPAT | OR | ON | 2005/10/03 14:07 |
| S49 | 59 | S48 and (coin adj tube) | USPAT | OR | ON | 2005/10/03 14:08 |
| S50 | 20 | ("4367760"\|"4469245"\|"4850511"\|"5005339"\|"5092816"\|"5722564"\|"5830055"\|"6261169"\|"6302294"\|"6638157").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:35 |
| S51 | 1128 | coin adj rolls | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:39 |
| S52 | 325 | S51 and dispens$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 13:39 |
| S53 | 76 | S51 and drawer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 18:02 |
| S54 | 467 | 221/6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 18:03 |
| S55 | 479 | 221/6.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 18:03 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S56 | 844 | S54 or S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 18:38 |
| S57 | 6 | S56 and (coin adj rolls) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/14 18:03 |
| S58 | 0 | (checkout adj counter) and (speach adj recognition) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 09:57 |
| S59 | 168 | (checkout adj counter) and (audible) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 10:01 |
| S60 | 21 | (checkout adj counter) and (audible same (size shape color)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 10:06 |
| S61 | 3926 | "186"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 10:06 |
| S62 | 15 | S61 and speech | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 10:06 |
| S63 | 21008 | furuya | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 12:41 |

# EAST Search History

| S64 | 249 | S63 and coins | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 12:42 |
|-----|-----|---------------|---------------------------------------------------|----|----|------------------|
| S65 | 57 | S64 and yonezo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 14:34 |
| S66 | 12 | "5458225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 16:34 |
| S67 | 118 | 194/328 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/15 16:34 |
| S68 | 95 | ("6213341" "6213341" "5813510" "5722564" "5392951" "5445294" "5940306" "6027025" "5740897" "5450938" "5967364" "5332076" "4867506" "5297030" "6550671" "6957732" "5451753" "6196913" "4469245" "5756977" "4623467" "6055521" "3618732" "5842188" "6459954" "4282892" "5411436" "5895457" "5905810" "5982918" "6128402" "5183142" "4372478" "5718625" "6179161" "5605249" "6357622" "5020652" "4251009" "4429639" "4397455" "6189881" "5803453" "5943424" "5695038" "5944163" "5975275" "5512877" "6110043" "6146273").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:01 |
| S69 | 1245 | dispenser same drawer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:27 |

| S70 | 240 | dispenser adj drawer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:40 |
|-----|-----|----------------------|---------------------------------------------------|----|----|-------------------|
| S71 | 270 | 312/348.3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:40 |
| S72 | 203 | 312/348.3.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:40 |
| S73 | 454 | 312/71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:40 |
| S74 | 682 | 312/71.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:40 |
| S75 | 356 | 312/1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:40 |
| S76 | 265 | 312/61.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:40 |
| S77 | 219 | 312/61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:41 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S78 | 1684 | S71 or S72 or S73 or S74 or S76 or S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:42 |
| S79 | 38 | S78 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:42 |
| S80 | 134 | S78 and pusher | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:42 |
| S81 | 162 | S79 or S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:42 |
| S82 | 10 | S79 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:42 |
| S83 | 10 | S79 and S80 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 12:43 |
| S84 | 454 | 312/71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:39 |
| S85 | 270 | 312/348.3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:39 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S86 | 203 | 312/348.3.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:39 |
| S87 | 682 | 312/71.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:39 |
| S88 | 265 | 312/61.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:39 |
| S89 | 219 | 312/61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:39 |
| S90 | 1684 | S85 or S86 or S84 or S87 or S88 or S89 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:39 |
| S91 | 38 | S90 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 19:40 |
| S92 | 13 | ("20020056605"\|"4451027"\|"5423527"\|"6278795"\|"6327458"\|"6543767"\|"6880692").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 20:40 |
| S93 | 467 | 221/6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 20:40 |

# EAST Search History

| S94 | 479 | 221/6.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:40 |
|-----|-----|-------------|------------------|-----|-----|------------------|
| S95 | 844 | S93 or S94 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:40 |
| S96 | 245 | S95 and sensor | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:42 |
| S97 | 31 | S96 and drawer | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:53 |
| S98 | 456 | 211/59.3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:54 |
| S99 | 1049 | 211/59.2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:53 |
| S100 | 949 | 211/59.2.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:53 |
| S101 | 441 | 211/59.3.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/17 20:54 |

# EAST Search History

| S10 2 | 2081 | S98 or S99 or S100 or S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 20:54 |
|---|---|---|---|---|---|---|
| S10 3 | 45 | S102 and sensor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 21:18 |
| S10 4 | 187 | 221/196 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 21:18 |
| S10 5 | 366 | 221/196.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 21:18 |
| S10 6 | 504 | S104 or S105 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 21:18 |
| S10 7 | 2 | S106 and (coin adj roll) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 21:21 |
| S10 8 | 106 | S106 and (cylindrical cylinder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/17 21:21 |